

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (currently amended) A high-voltage transformer ~~provided with a bobbin in which frames of a primary-side winding and a secondary-side winding are provided on both sides of a frame of a magnetic-coupling adjusting winding to sandwich the frame of the magnetic-coupling adjusting winding, in order to make the frames of the primary-side winding, the secondary-side winding and the magnetic-coupling adjusting winding located in the same magnetic path,~~ having a primary-side winding and a secondary-side winding comprising:

a magnetic core located in the primary-side winding, the secondary-side winding and a magnetic-coupling adjusting winding forming a common magnetic path;

a bobbin having a first frame of the primary-side winding, a second frame of the secondary-side winding and a third frame of the magnetic coupling adjusting winding, in which the third frame is disposed between the first frame and the second frame for adjusting a leakage inductance of the high-voltage transformer by sandwiching the third frame so as to locate the first, second and third frames in the common magnetic path;

wherein a first flange part is provided between the first frame of the primary-side winding and the third frame of the

magnetic-coupling adjusting winding, and a second flange part is provided between the second frame of the secondary-side winding and the third frame of the magnetic-coupling adjusting winding, and

wherein a part of one of the primary-side winding and the secondary-side winding is wound around the third frame of the magnetic-coupling adjusting winding through a notch part which is formed in the first flange part or the second flange part located on the lower surface side of the bobbin.

2 - 3. (canceled)

4. (currently amended) The high-voltage transformer according to claim 1, wherein a part of the primary-side winding is wound around the third frame of the magnetic-coupling adjusting winding to largely adjust the leakage inductance.

5. (currently amended) The high-voltage transformer according to claim 1, wherein a part of the secondary-side winding is wound around the third frame of the magnetic-coupling adjusting winding to finely adjust the leakage inductance.

6. (previously presented) The high-voltage transformer according to claim 1, wherein pin-shaped terminals for substrate connection are provided for the bobbin, pin-shaped terminals extend in one direction substantially orthogonal to a direction

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in which the frames of the primary-side winding, the magnetic-coupling adjusting winding, and the secondary-side winding are arranged.